

Refine Search

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L1 and 560/\$	13

Database:

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 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
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Search:

L4  

Search History

DATE: Sunday, July 23, 2006 [Printable Copy](#) [Create Case](#)

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side by side

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result set

DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L4</u>	L1 and 560/\$	13	<u>L4</u>
<u>L3</u>	L2 and nitroxy	2	<u>L3</u>
<u>L2</u>	L1 and (hypochlorite or succinimide or isocyanuric acid or iodine)	3	<u>L2</u>
<u>L1</u>	formylcyclopropanecarboxyl\$6	38	<u>L1</u>

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☐ 1. Document ID: US 6489505 B2

L4: Entry 1 of 13

File: USPT

Dec 3, 2002

US-PAT-NO: 6489505

DOCUMENT-IDENTIFIER: US 6489505 B2

TITLE: Process for producing 3,3-dimethyl-2-formylcyclopropane-carboxylic acid ester

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 2. Document ID: US 6462225 B2

L4: Entry 2 of 13

File: USPT

Oct 8, 2002

US-PAT-NO: 6462225

DOCUMENT-IDENTIFIER: US 6462225 B2

TITLE: Method for producing 2,2-dimethyl-3-(1-propenyl)cyclopropanecarboxylate ester

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 3. Document ID: US 6414181 B1

L4: Entry 3 of 13

File: USPT

Jul 2, 2002

US-PAT-NO: 6414181

DOCUMENT-IDENTIFIER: US 6414181 B1

TITLE: Process of producing cyclopropanecarboxylate compounds

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 4. Document ID: US 5238957 A

L4: Entry 4 of 13

File: USPT

Aug 24, 1993

US-PAT-NO: 5238957

DOCUMENT-IDENTIFIER: US 5238957 A

TITLE: Esters of 2,2-dimethyl-cyclopropane-carboxylic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 5. Document ID: US 4985457 A

L4: Entry 5 of 13

File: USPT

Jan 15, 1991

US-PAT-NO: 4985457

DOCUMENT-IDENTIFIER: US 4985457 A

TITLE: Novel carboxylic acid esters, methods for producing them and insecticides and/or acaricides containing them as an active ingredient

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 6. Document ID: US 4864052 A

L4: Entry 6 of 13

File: USPT

Sep 5, 1989

US-PAT-NO: 4864052

DOCUMENT-IDENTIFIER: US 4864052 A

TITLE: 2,2-Dimethylcyclopropane-carboxylic acid derivatives

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 7. Document ID: US 4611009 A

L4: Entry 7 of 13

File: USPT

Sep 9, 1986

US-PAT-NO: 4611009

DOCUMENT-IDENTIFIER: US 4611009 A

TITLE: Combating arthropods with 3-phenoxybenzyl 2,2-dimethyl-3-vinylcyclopropane carboxylates

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 8. Document ID: US 4599358 A

L4: Entry 8 of 13

File: USPT

Jul 8, 1986

US-PAT-NO: 4599358

DOCUMENT-IDENTIFIER: US 4599358 A

TITLE: Pyrethroids

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 9. Document ID: US H000049 H

L4: Entry 9 of 13

File: USPT

Apr 1, 1986

US-PAT-NO: H000049

DOCUMENT-IDENTIFIER: US H000049 H

TITLE: Process for producing 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylates

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 10. Document ID: US 4552892 A

L4: Entry 10 of 13

File: USPT

Nov 12, 1985

US-PAT-NO: 4552892

DOCUMENT-IDENTIFIER: US 4552892 A

TITLE: Acaricidal difluoroethenylcyclopropanecarboxylates

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 11. Document ID: US 4507317 A

L4: Entry 11 of 13

File: USPT

Mar 26, 1985

US-PAT-NO: 4507317

DOCUMENT-IDENTIFIER: US 4507317 A

TITLE: Acaricidal 2,2'-bridged[1,1'-biphenyl]-3-ylmethyl esters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 12. Document ID: US 4279920 A

L4: Entry 12 of 13

File: USPT

Jul 21, 1981

US-PAT-NO: 4279920

DOCUMENT-IDENTIFIER: US 4279920 A

TITLE: 2,2-Dimethyl-3-(2-bromo-2-phenyl-vinyl)-cyclopropanecarboxylic acid 3-phenoxybenzyl esters and pesticidal use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 13. Document ID: US 4276306 A

L4: Entry 13 of 13

File: USPT

Jun 30, 1981

US-PAT-NO: 4276306

DOCUMENT-IDENTIFIER: US 4276306 A

**** See image for Certificate of Correction ****

TITLE: Combating arthropods with 3-phenoxybenzyl 2,2-dimethyl-3-vinyl-cyclopropane carboxylates

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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Terms

Documents

L1 and 560/\$

13

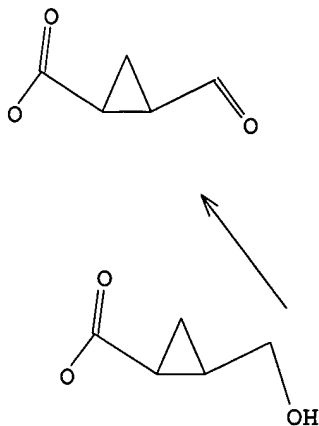
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=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 15:10:31 FILE 'CASREACT'
SCREENING COMPLETE - 737 REACTIONS TO VERIFY FROM 96 DOCUMENTS
100.0% DONE 737 VERIFIED 20 HIT RXNS 4 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED VERIFICATIONS: 13113 TO 16367
PROJECTED ANSWERS: 4 TO 199

L2 4 SEA SSS SAM L1 (20 REACTIONS)

=> s l1 sss full
FULL SEARCH INITIATED 15:10:44 FILE 'CASREACT'
SCREENING COMPLETE - 13411 REACTIONS TO VERIFY FROM 2003 DOCUMENTS

100.0% DONE 13411 VERIFIED 275 HIT RXNS 82 DOCS
SEARCH TIME: 00.00.03

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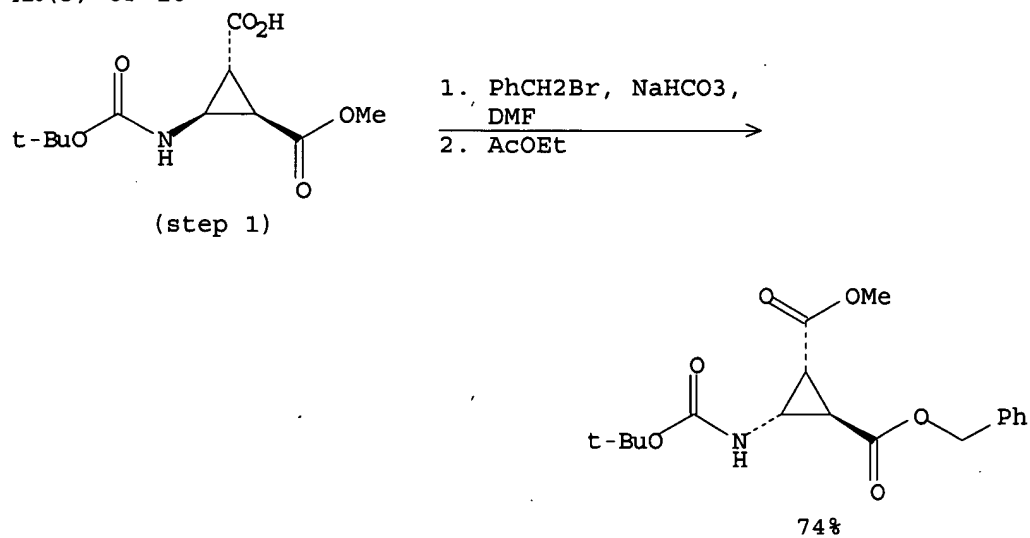
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L4 60 L3 AND PY<2002

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124077 OXI?
L5 24 L4 AND OXI?

=> d 1-24

L5 ANSWER 1 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

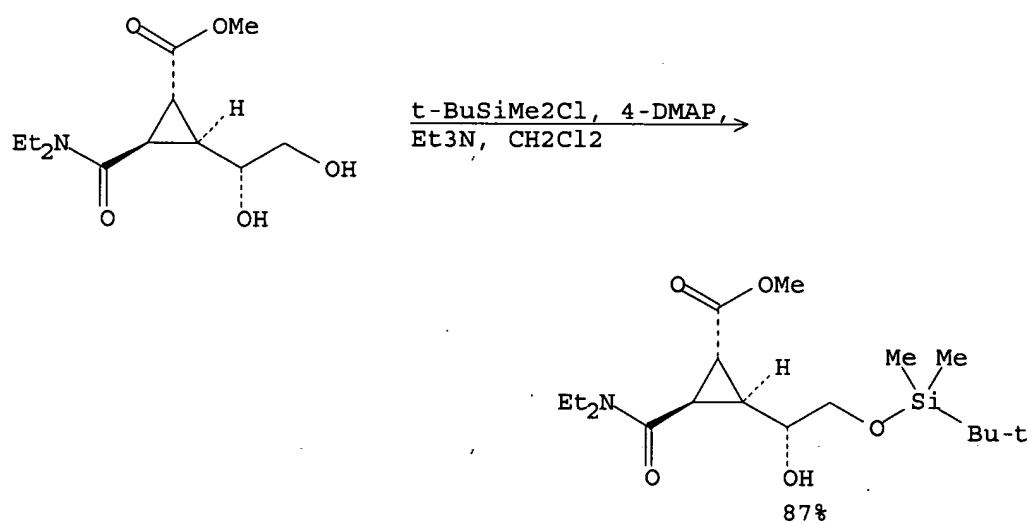
RX(5) OF 16



REF: Journal of Organic Chemistry, 65(26), 8960-8969; 2000
NOTE: STEREOSELECTIVE

L5 ANSWER 2 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

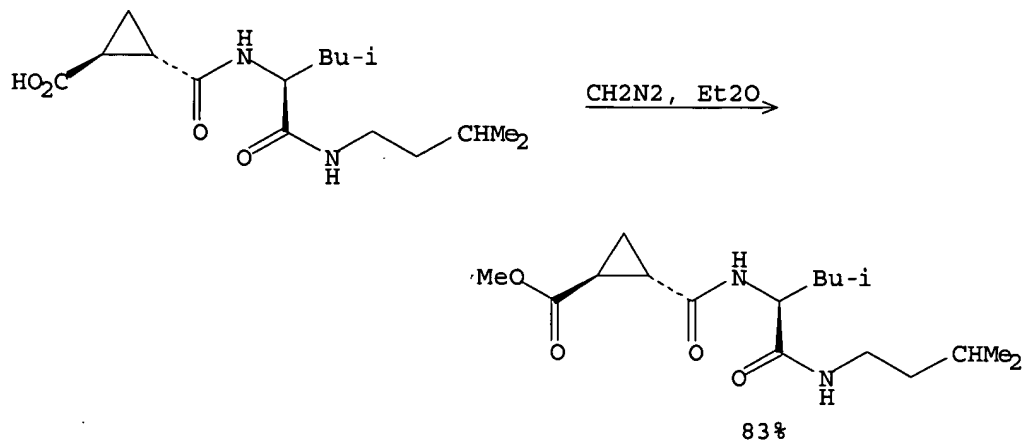
RX(7) OF 78



REF: Organic Letters, 1(2), 285-287; 1999

L5 ANSWER 3 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

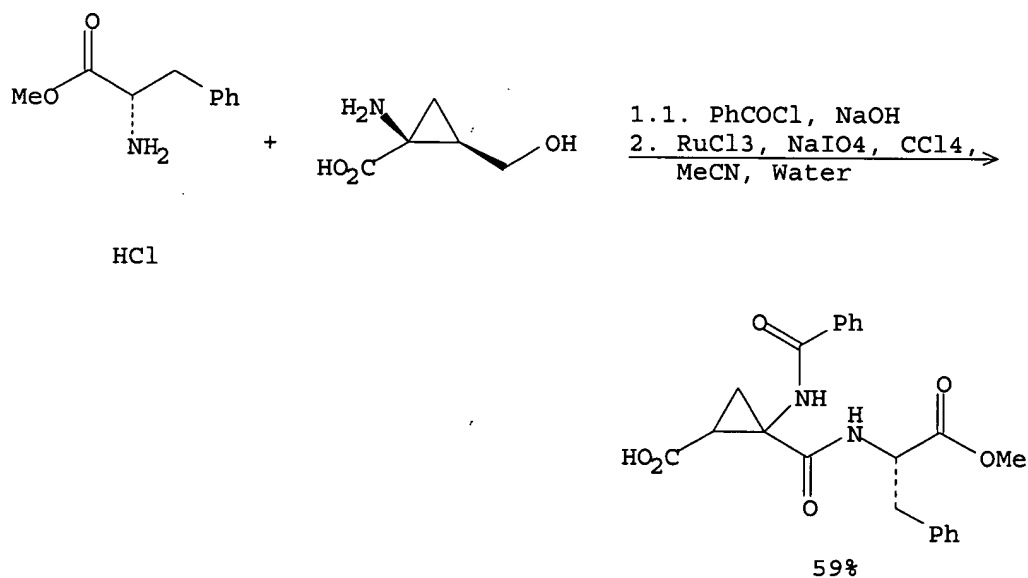
RX(7) OF 28



REF: Bioorganic & Medicinal Chemistry Letters, 9(4), 513-514; 1999
NOTE: stereoselective

L5 ANSWER 4 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

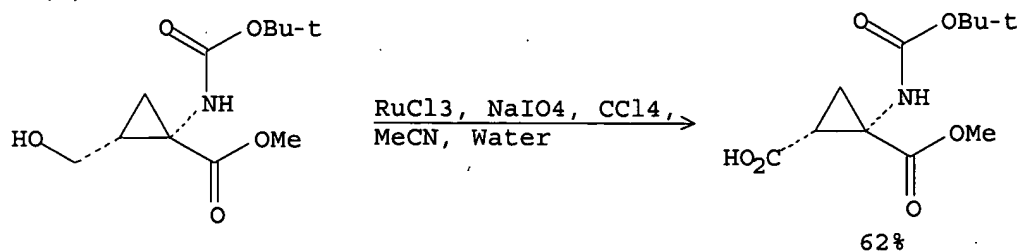
RX(5) OF 6 - 2 STEPS



REF: Tetrahedron Letters, 38(23), 4065-4068; 1997
NOTE: 2) key step

L5 ANSWER 5 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

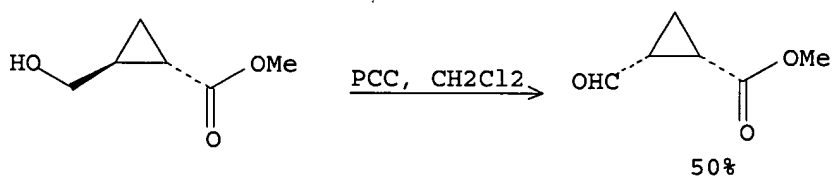
RX(1) OF 2



REF: Helvetica Chimica Acta, 78(2), 403-10; 1995

L5 ANSWER 6 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

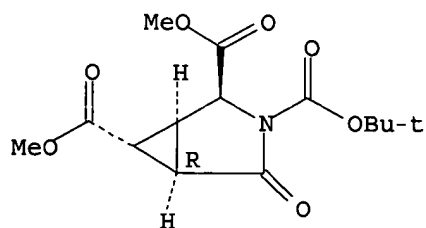
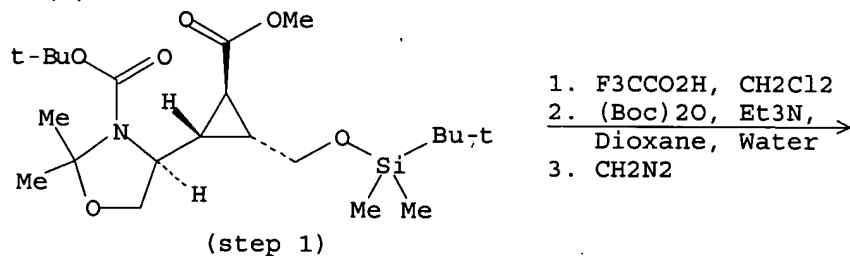
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REF: Tetrahedron: Asymmetry, 6(3), 683-4; 1995

L5 ANSWER 7 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

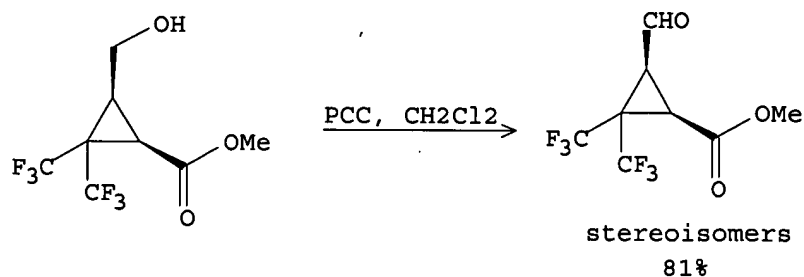
RX(6) OF 27



REF: Bioorganic & Medicinal Chemistry Letters, 3(1), 15-18; 1993
NOTE: third step Jones oxidn.

L5 ANSWER 8 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

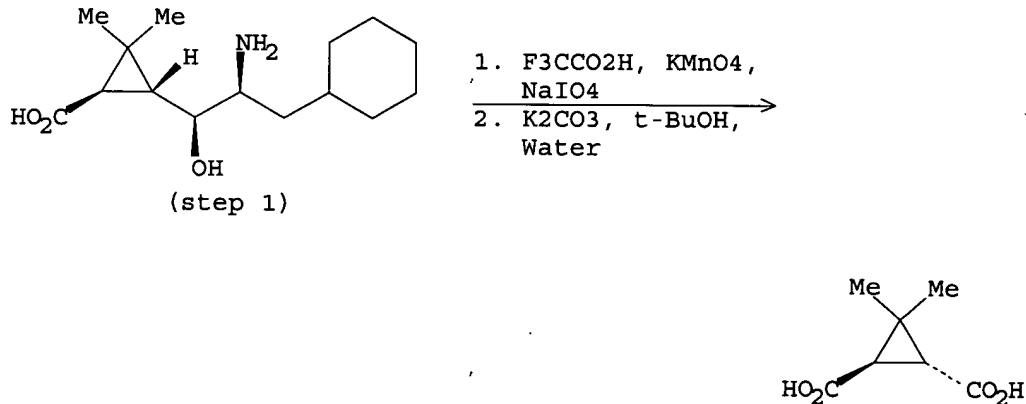
RX(1) OF 63



REF: Liebigs Annalen der Chemie, (10), 1013-20; 1991

L5 ANSWER 9 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

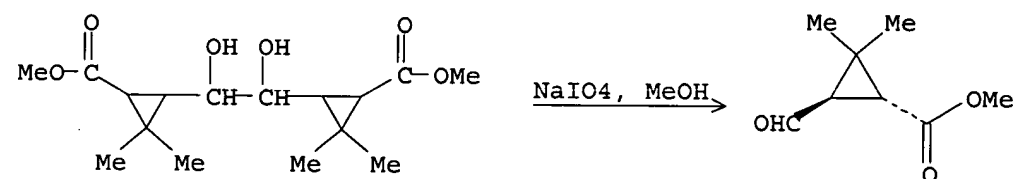
RX(7) OF 42



REF: Tetrahedron Letters, 31(7), 961-4; 1990

L5 ANSWER 10 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

RX(4) OF 173

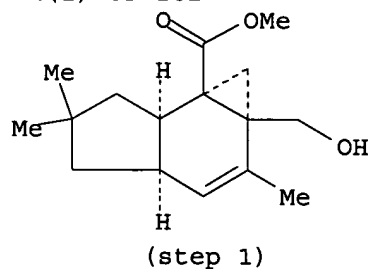


REF: Tetrahedron, 45(10), 3039-52; 1989

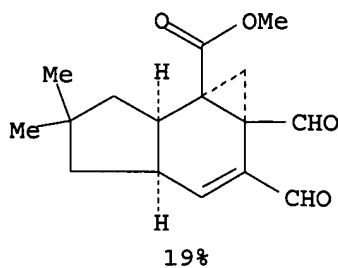
NOTE: pH 7 phosphate buffer

L5 ANSWER 11 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

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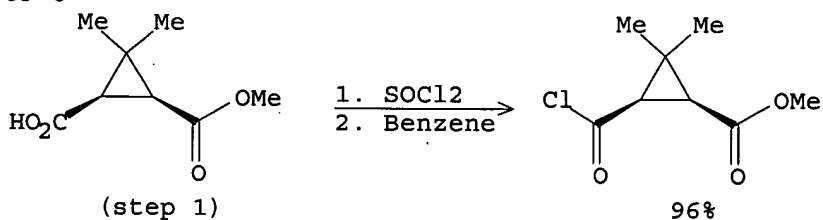
1. $t\text{-BuOOH}$, SeO_2 , CH_2Cl_2
2. $(\text{COCl})_2$, DMSO , CH_2Cl_2
3. Et_3N



REF: Journal of the American Chemical Society, 112(2), 775-9; 1990

L5 ANSWER 12 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

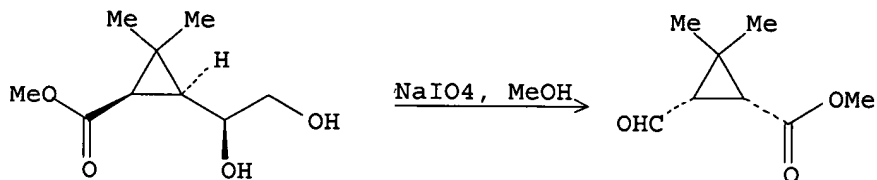
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REF: Synthetic Communications, 18(2), 135-40; 1988

L5 ANSWER 13 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

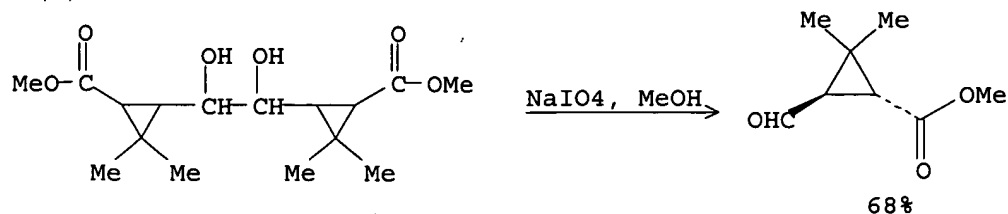
RX(4) OF 32



REF: Tetrahedron Letters, 29(9), 1083-4; 1988
NOTE: pH = 7.2 phosphate buffer

L5 ANSWER 14 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

RX(3) OF 97

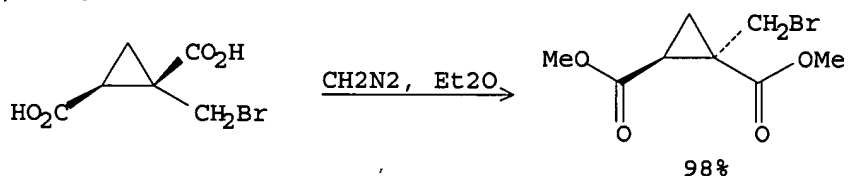


REF: Tetrahedron Letters, 29(9), 1079-82; 1988

NOTE: buffered

L5 ANSWER 15 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

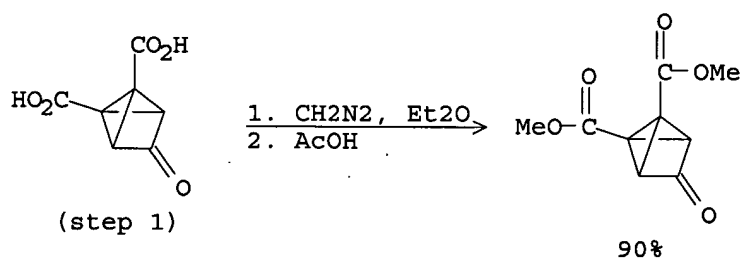
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REF: Journal of the Chemical Society, Perkin Transactions 2: Physical Organic Chemistry, (1), 61-70; 1988

L5 ANSWER 16 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

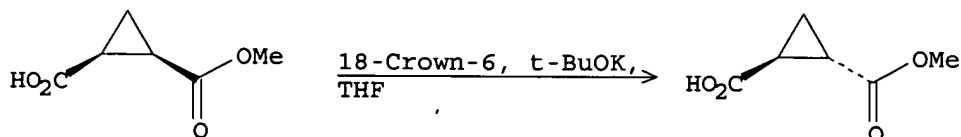
RX(2) OF 10



REF: Journal of Organic Chemistry, 53(13), 3046-50; 1988

L5 ANSWER 17 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

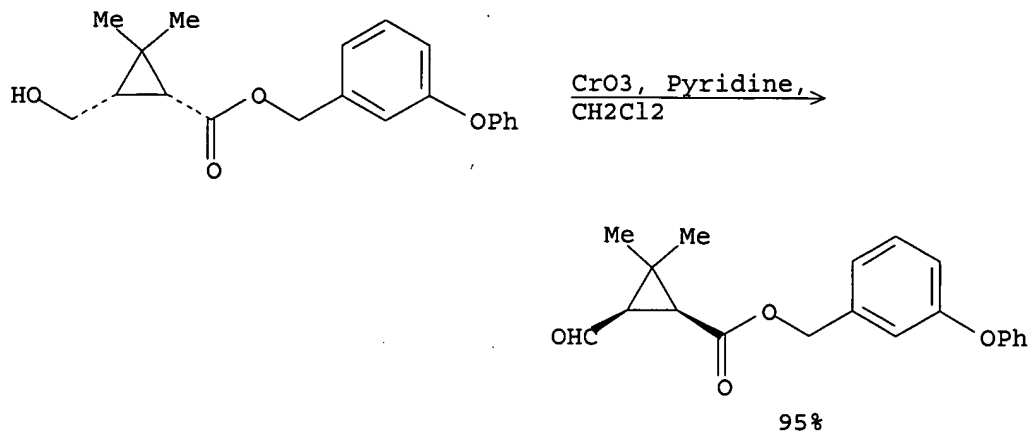
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REF: Journal of Organic Chemistry, 52(20), 4565-70; 1987

L5 ANSWER 18 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

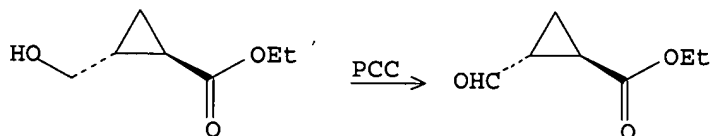
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REF: Tetrahedron, 42(20), 5715-28; 1986

L5 ANSWER 19 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

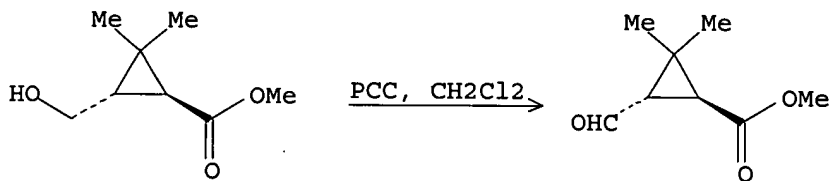
RX(7) OF 18



REF: Synthesis, (1), 28-32; 1987

L5 ANSWER 20 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

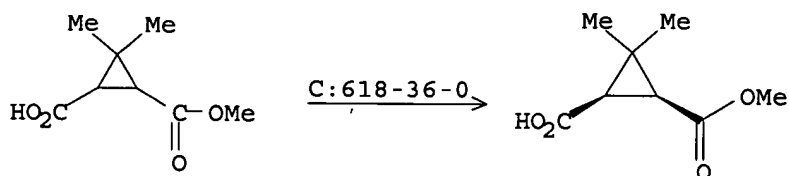
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REF: Heterocycles, 23(11), 2859-72; 1985

L5 ANSWER 21 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

RX(1) OF 11



REF: U.S., 4487955, 11 Dec 1984

L5 ANSWER 22 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

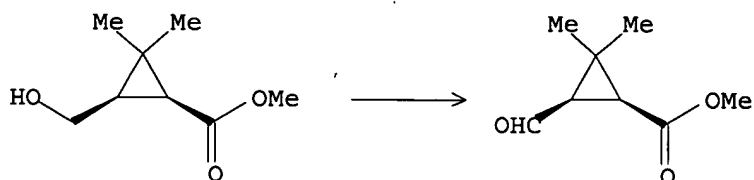
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REF: Journal of the American Chemical Society, 106(4), 1029-40; 1984

L5 ANSWER 23 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

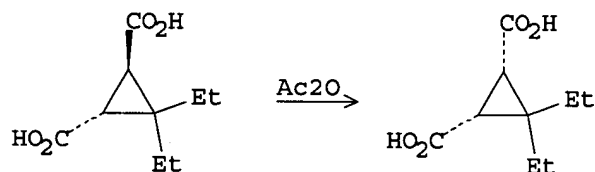
RX(1) OF 10



REF: Eur. Pat. Appl., 50074, 21 Apr 1982

L5 ANSWER 24 OF 24 CASREACT COPYRIGHT 2006 ACS on STN

RX(2) OF 10



REF: Jpn. Kokai Tokkyo Koho, 53084947, 26 Jul 1978, Showa